

### **In the Specification**

***Kindly replace paragraph [0028] with the following:***

Lysis of the cells of step (c) is advantageously performed with a lysis solution comprising one or more detergents selected from saponin, SDS, ~~Tween~~TWEEN 20, ~~Triton~~TRITON X100, Brij 96, Polido-canol, N-octyl β-D-glucopyranoside and sodium carbonate. The lysis solution is preferably constituted of a mixture of saponin, ~~Triton~~TRITON X100 and ~~Tween~~TWEEN 20. Most preferably, the lysis solution comprises saponin at a concentration (expressed in weight/volume %) between about 0.005% and about 0.5%, of ~~Triton~~TRITON X100 at a concentration (expressed in weight/volume %) between about 0.001% and about 0.5% of ~~Tween~~TWEEN 20 at a concentration between about 0.01% and about 1% and of N-octyl β-D-glucopyranoside at a concentration between about 0.1% and about 0.5%.

***Kindly replace paragraphs [0070] through [0071] with the following:***

Following several preliminary studies, we observed that certain bacteria were resistant in the presence of detergents such as ~~Triton~~TRITON X100 and determined the concentration of detergents with which the bacteria recovery percentage is desired.

#### **Example 1. Effect of the formulation of the lysis solution on pure bacterial cultures**

Method:

the strains were preserved in a tube of 9 ml of tryptone soy broth and incubated at 37°C for 18 - 24 hours;

dilutions in series (1/10) were performed in the PBS buffer up to  $10^{-5}$ ;

one milliliter of the last dilution was treated with 9 ml of the lysis solution 0.01% (weight/volume) of saponin, 0.1% (weight/volume) of ~~Tween~~TWEEN and 0.001% (weight/volume) of ~~Triton~~TRITON X 100 for 15 minutes;

100 µl of the sample was filtered on a CB04 membrane;

labeling was performed with an esterase; and

detection was performed.

*Kindly replace paragraphs [0098] through [0099] with the following:*

With regard to the platelet concentrates, these technical options comprise:

- 1) an aggregation step with, e.g., a platelet activator antibody such as CD9;
- 2) a cell lysis step with a combination of detergents such as saponin, ~~Tween~~TWEEN 20

and ~~Triton~~TRITON X 100.

With regard to the red cell concentrates:

- 1) an aggregation step with a lectin such as, e.g., *Phaseolus vulgaris*;
- 2) a cell lysis step with a combination of detergents such as saponin, ~~Tween~~TWEEN 20

and ~~Triton~~TRITON X 100.